

Common Sense Initiative, Automobile Manufacturing Sector

***U.S. Automobile Assembly Plants and Their Communities:
Environmental Economic, and Demographic Profile***

**Part III: Automobile/Light Duty Truck Assembly
Plant-Community Profiles**

**13. Toyota Motor Mfg.
Georgetown, KY**

December 1997

Contents and Guidelines for Use

Users of this profile should carefully review the description of methods, data limitations, and guidelines for use and interpretation of the data presented in Part I of the report.

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General Guidelines for Use

Efforts have been made to ensure that the data presented here are accurate. The Project Team could not independently verify data accuracy in all cases, however, and some errors may remain. The following is a partial list of factors that should be considered in using these profiles:

1. Current releases presented in this report represent only some of the contamination sources in a given area. Data on historical releases (prior to 1991) were not included, and releases from non-assembly plant emission sources were identified only through the Toxics Release Inventory (TRI). TRI data do not cover all sources of releases. Considering only TRI data for a given community may mis-state the relative contribution of plants and their neighboring TRI facilities to an area's total releases.
2. Care must be taken to distinguish true changes over time in environmental releases from apparent changes, due, for example, to changes in the scope of reporting requirements.
3. TRI data are often based on engineering estimates and are reported on an annual basis. Data on releases over shorter time frames are not available.
4. TRI, the Biennial Report and other databases do not include all substances and environmental releases of concern.

Notes on Comparisons Across Facilities

1. The following factors can affect an assembly plant's environmental profile, among other things: the number of vehicles produced, plant age, process equipment age, and vehicle size and configuration.
2. Some plants are highly-integrated, performing some parts and all assembly steps in-house. Others obtain parts from other manufacturing facilities, or share assembly operations with another plant.
3. States differ in how they define hazardous waste and how they treat recycled wastes and small quantity generators. Therefore, data on quantities of BRS wastes generated may not be comparable for plants located in different states.
4. Area-wide averages for economic and demographic characteristics may be better or worse measures of the plant's immediate community, depending on the specific location of a plant within the reporting area.

Plant-Community Profile:
Toyota Motor Mfg.
Georgetown KY

12/2/97

LOCATION	Address Lat/Long:	1001 Cherry Blossom Way, Georgetown KY 40324 latitude (degrees N) 38 15' 0" longitude (degrees W) 84 31' 30"	DESCRIPTION	Plant opened in 1988; Produced Avalon and Camry models in 1994.		
	County: Other counties within 3 miles of plant:	Scott MSA: Other counties within 3 miles of plant:	Lexington KY Harrison, Bourbon	ID NUMBERS	RCRA ID AIRS ID NPDES ID	KYD 161955380 AFS2120900030 KY0089508 40324TYTMT1001C
OPERATIONS		Production	Employment		TRI	
	Calendar Year: 1991 1992 1993 1994	187,726 240,382 234,060 284,765	6,000			

PLANT ENVIRONMENTAL PROFILE

RCRA BIENNIAL REPORT

Waste Code(s) 1991	Wastewater?	Physical Form	Source	Mgd. On/Off-Site	Management Method	Quantity Generated (tons)	Quantity Shipped (tons)	Quantity Mgd. On-Site (tons)
D001 (ignit) F002, F003, F005 (solvents)	N	B003 lab packs	A94 lab wastes	Off	M141 transfer facil.	0.1	0.1	0.0
D001 (ignitable)	Y	B101 inorg. liquids	A58 1x/intermittent	Off	M061 fuel blending	8.3	8.3	0.0
D001 (ignitable)	N	B207 org. liquids	A09 clean out equip	Off	M061 fuel blending	2.8	2.8	0.0
D001 (ignitable)	N	B207 org. liquids	A29 other surface prep	Off	M061 fuel blending	14.7	14.2	0.0
D001 (ignitable)	N	B209 org. liquids	A21 painting	Off	M041 incineration	42.0	42.0	0.0
D001 (ignitable)	N	B209 org. liquids	A21 painting	Off	M041 incineration	8.8	8.8	0.0
D001 (ignitable)	N	B209 org. liquids	A21 painting	Off	M044 incineration	26.5	25.8	0.0
D001 (ignitable)	N	B209 org. liquids	A21 painting	Off	M061 fuel blending	9.6	4.8	0.0
D001 (ignitable)	N	B210 org. liquids	A09 clean out equip	Off	M041 incineration	56.8	56.8	0.0
D001 (ignitable)	N	B210 org. liquids	A08 physical scraping	Off	M043 incineration	26.8	30.8	0.0
D001 (ignitable)	N	B210 org. liquids	A09 clean out equip	Off	M043 incineration	1.1	1.3	0.0
D001 (ignitable)	N	B211 org. liquids	A05 dip rinsing	Off	M021 solvents recov.	0.2	0.2	0.0
D001 (ignitable)	N	B211 org. liquids	A19 other clean/degr.	Off	M061 fuel blending	2.3	2.3	0.0
D001 (ignitable)	N	B310 inorg. solids	A71 poll cndl/waste trt	Off	M043 incineration	70.3	70.3	0.0
D001 (ignitable)	N	B604 org. sludges	A60 1x/intermittent	Off	M042 incineration	203.3	131.5	0.0
D001 (ignitable) D003 (reactive)	N	B003 lab packs	A94 lab wastes	Off	M141 transfer facil.	0.0	0.0	0.0
D001 (ignitable) D018 (benzene)	Y	B101 inorg. liquids	A53 1x/intermittent	Off	M041 incineration	4.5	4.5	0.0
D001 (ignitable) D018 (benzene)	N	B219 org. liquids	A57 1x/intermittent	Off	M061 fuel blending	21.8	23.9	0.0
D001(ignit) D018 (benzene) D039	N	B204 org. liquids	A05 dip rinsing	Off	M141 transfer facil.	3.7	3.7	0.0
D001(ignit) F003 (solvents)	N	B211 org. liquids	A04 flush rinsing	Off	M021 solvents recov.	1,080.3	1,080.3	0.0
D001, D005, D007, D008	N	B319 inorg. solids	A21 painting	Off	M043 incineration	4.6	5.0	0.0
D001, D007, D008	N	B319 inorg. solids	A21 painting	Off	M041 incineration	0.3	0.5	0.0
D001, D008, F003, F005	N	B409 org. solids	A09 clean out equip	Off	M043 incineration	100.9	95.9	0.0
D001, D018, F003	N	B219 org. liquids	A37 process liq. remov.	Off	M061 fuel blending	11.2	11.2	0.0
D001, D035, F003, F005	N	B209 org. liquids	A21 painting	Off	M061 fuel blending	20.0	18.8	0.0
D001, D035, F003, F005	N	B211 org. liquids	A09 clean out equip	Off	M021 solvents recov.	129.6	129.6	0.0

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Plant-Community Profile:
Toyota Motor Mfg.
Georgetown KY

12/19/97

RCRA BIENNIAL REPORT (continued)

PLANT ENVIRONMENTAL PROFILE (continued)

Waste Code(s)	Wastewater?	Physical Form	Source	Mgd. On/Off-Site	Management Method	Quantity Generated (tons)	Quantity Shipped (tons)	Quantity Mgd. On-Site (tons)
<i>1991 continued</i>								
D001, D039, F002, F003	N	B319 inorg. solids	A21 painting	Off	M043 incineration	31.2	34.0	0.0
D002 (corrosive)	N	B003 lab packs	A94 lab wastes	Off	M141 transfer facil.	0.1	0.1	0.0
D002 (corrosive)	N	B104 inorg. liquids	A09 clean out equip	Off	M121 neutralization	2.3	2.3	0.0
D002 (corrosive)	N	B106 inorg. liquids	A23 electroless plating	Off	M121 neutralization	0.5	0.5	0.0
D002 (corrosive)	N	B109 inorg. liquids	A03 caustic cleaning	Off	M125 other treat.	73.2	73.2	0.0
D002 (corrosive)	Y	B110 inorg. liquids	A01 stripping	Off	M041 incineration	0.3	0.3	0.0
D002 (corrosive)	Y	B110 inorg. liquids	A57 1x/intermittent	Off	M141 transfer facil.	1.6	1.6	0.0
D002 (corrosive)	N	B210 org. liquids	A58 1x/intermittent	Off	M041 incineration	0.8	0.8	0.0
D002 (corrosive)	N	B306 inorg. solids	A57 1x/intermittent	Off	M121 neutralization	3.1	3.1	0.0
D002 (corrosive)	N	B308 inorg. solids	A59 1x/intermittent	Off	M043 incineration	0.5	0.5	0.0
D002 (corrosive)	N	B604 org. sludges	A38 tank sludge remov.	Off	M132 landfill	51.0	51.0	0.0
D002 (corrosive) D008 (lead)	N	B103 inorg. liquids	A55 1x/intermittent	On	M125 other treat.	10.2	0.0	10.2
D002 (corrosive) D008 (lead)	N	B308 inorg. solids	A59 1x/intermittent	Off	M043 incineration	0.3	0.3	0.0
D003 (reactive)	N	B212 org. liquids	A57 1x/intermittent	Off	M041 incineration	11.8	11.8	0.0
D003 (reactive)	N	B405 org. solids	A09 clean out equip	Off	M043 incineration	15.6	17.3	0.0
D004 (arsenic) D011(silver)	N	B003 lab packs	A94 lab wastes	Off	M141 transfer facil.	0.1	0.1	0.0
D005 (barium)	N	B409 org. solids	A21 painting	Off	M043 incineration	201.5	201.5	0.0
D005 (barium)	N	B409 org. solids	A21 painting	Off	M061 fuel blending	27.8	27.8	0.0
D005 (barium)	N	B409 org. solids	A21 painting	Off	M141 transfer facil.	14.3	14.3	0.0
D005 (barium)	N	B409 org. solids	A21 painting	Off	?	97.7		
D005 (barium)	N	B519 inorg. sludges	A92 routine cleanup	Off	M132 landfill	11.6	14.6	0.0
D005 (barium) D008 (lead)	N	B210 org. liquids	A09 clean out equip	Off	M043 incineration	2.3	2.3	0.0
D007 (chromium)	N	B513 inorg. sludges	A29 other surface prep	Off	M124 phase separ.	0.5	0.3	0.0
D008 (lead)	Y	B113 inorg. liquids	A21 painting	Off	M041 incineration	33.0	32.8	0.0
D008 (lead)	Y	B114 inorg. liquids	A04 flush rinsing	Off	M077 aqueous treat.	2.5	1.8	0.0
D008 (lead)	N	B210 org. liquids	A09 clean out equip	Off	M043 incineration	18.0	17.8	0.0
D008 (lead)	N	B310 inorg. solids	A21 painting	Off	M043 incineration	56.5	58.0	0.0
D008 (lead)	N	B409 org. solids	A58 1x/intermittent	Off	M043 incineration	0.5	0.5	0.0
D008 (lead)	N	B606 org. sludges	A49 other processes	Off	M042 incineration	0.5	0.5	0.0
D008 (lead)	N	B609 org. sludges	A38 tank sludge remov.	Off	M043 incineration	6.3	6.3	0.0
D008 (lead)	N	B609 org. sludges	A38 tank sludge remov.	Off	M077 aqueous treat.	2.7	2.7	0.0
D001, D008, F003, F005	Y	B101 inorg. liquids	A92 routine cleanup	Off	M041 incineration	39.3	39.3	0.0
D001, D008, F003, F005	Y	B101 inorg. liquids	A92 routine cleanup	Off	M061 fuel blending	5.3	5.3	0.0
D009 (mercury)	N	B003 lab packs	A94 lab wastes	Off	M141 transfer facil.	0.0	0.0	0.0
D009 (mercury)	N	B319 inorg. solids	A53 1x/intermittent	Off	M132 landfill	0.3	0.3	0.0
D012, D015, F002	N	B003 lab packs	A94 lab wastes	Off	M141 transfer facil.	0.0	0.0	0.0
D021(chlorobenene) D039 (tetrachethylene)	N	B219 org. liquids	A37 process liq. remov.	Off	M061 fuel blending	103.4	106.0	0.0
F002 (halog. solvents)	N	B202 org. liquids	A09 clean out equip	Off	M021 solvents recov.	0.7	0.7	0.0
F002 (halog. solvents)	N	B202 org. liquids	A59 1x/intermittent	Off	M021 solvents recov.	0.2	0.2	0.0
TOTAL - 1991						2,677.0	2,502.1	10.2
<i>1993</i>								
D001 (ignitable)	N	B201 org. liquid	A05 dip rinsing	Off	M061 fuel blending	0.7	0.7	0.0
D001 (ignitable)	N	B201 org. liquid	A05 dip rinsing	Off	M061 fuel blending	0.6	0.4	0.0
D001 (ignitable)	N	B207 org. liquid	A09 clean out equip	Off	M061 fuel blending	9.6	9.6	0.0
D001 (ignitable)	N	B207 org. liquid	A29 other surface prep	Off	M061 fuel blending	8.3	8.5	0.0
D001 (ignitable)	N	B209 org. liquid	A21 painting	Off	M041 incineration	9.3	9.3	0.0
D001 (ignitable)	N	B209 org. liquid	A21 painting	Off	M061 fuel blending	37.8	36.5	0.0

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Plant-Community Profile:
Toyota Motor Mfg.
Georgetown KY

PLANT ENVIRONMENTAL PROFILE (continued)

RCRA BIENNIAL REPORT (continued)

Waste Code(s) 1993 (continued)	Wastewater?	Physical Form	Source	Mgd. On/Off-Site	Management Method	Quantity Generated (tons)	Quantity Shipped (tons)	Quantity Mgd. On-Site (tons)
D001 (ignitable)	N	B210 org. liquid	A09 clean out equip	Off	M041 incineration	17.0	16.8	0.0
D001 (ignitable)	N	B210 org. liquid	A08 physical scraping	Off	M043 incineration }	17.0	6.3	0.0
D001 (ignitable)	N	B210 org. liquid	A08 physical scraping	Off	M061 fuel blending }		10.0	0.0
D001 (ignitable)	N	B211org. liquid	A04 flush rinsing	Off	M021 solvents recov.	814.8	814.8	0.0
D001 (ignitable)	N	B211org. liquid	A05 dip rinsing	Off	M021 solvents recov.	4.7	4.7	0.0
D001 (ignitable)	N	B211org. liquid	A53 1x/intermittent	Off	M041 incineration	450.9	450.9	0.0
D001 (ignitable)	N	B211org. liquid	A53 1x/intermittent	On	M081 aqueous trt.	1,213.5	0.0	1,213.5
D001 (ignitable)	N	B211org. liquid	A19 other clean/degr.	Off	M061 fuel blending	4.1	3.9	0.0
D001 (ignitable)	N	B310 inorg. solids	A71 poll cntl/waste trt	Off	M043 incineration	54.6	54.6	0.0
D001 (ignitable)	N	B409 org. solids	A09 clean out equip	Off	M043 incineration	0.8	0.8	0.0
D001 (ignitable)	N	B409 org. solids	A53 1x/intermittent	Off	M061 fuel blending	1.8	2.8	0.0
D001 (ignitable)	N	B604 org. sludges	A60 1x/intermittent	Off	M042 incineration }	198.1	207.0	0.0
D001 (ignitable)	N	B604 org. sludges	A60 1x/intermittent	Off	M061 fuel blending }		4.6	0.0
D001 (ignitable) F005 (solvents)	N	B403 org. solids	A53 1x/intermittent	Off	M061 fuel blending	0.5	0.5	0.0
D001 (ignitable) F005 (solvents)	N	B409 org. solids	A53 1x/intermittent	Off	M043 incineration	0.8	0.8	0.0
D001(ignitable) D018 (benzene)	Y	B102 inorg liquid	A53 1x/intermittent	Off	M041 incineration	6.3	6.3	0.0
D001(ignitable) D018 (benzene)	N	B206 org. liquid	A59 1x/intermittent	Off	M061 fuel blending	3.2	2.8	0.0
D001(ignitable) D018 (benzene)	N	B219 org. liquid	A37 process liq. remov.	Off	M021 solvents recov.	6.2	0.5	0.0
D001(ignitable) D018 (benzene)	N	B219 org. liquid	A57 1x/intermittent	Off	M061 fuel blending	3.7	3.9	0.0
D001(ignitable) D018 (benzene)	N	B409 org. solids	A53 1x/intermittent	Off	M043 incineration	0.3	0.3	0.0
D001(ignitable) D035 (MEK)	N	B209 org. liquid	A57 1x/intermittent	Off	M061 fuel blending	24.3	23.2	0.0
D001(ignitable) D035 (MEK)	N	B604 org. sludges	A38 tank sludge remov.	Off	M061 fuel blending	14.9	14.9	0.0
D001, D002, D006, D007	N	B103 inorg liquid	A02 acid cleaning	Off	M121 neutralization	1.6	1.3	0.0
D001, D005, D007, D008	N	B319 inorg. solids	A21 painting	Off	M041 incineration	78.5	82.8	0.0
D001, D006, D015, D018	N	B003 lab packs	A94 lab wastes	Off	M141 transfer facil.	0.2	0.2	0.0
D001, D007, D008	N	B319 inorg. solids	A21 painting	Off	M041 incineration	1.0	0.8	0.0
D001, D008, D009, D035	N	B409 org. solids	A57 1x/intermittent	Off	M043 incineration	0.5	0.5	0.0
D001, D008, D018	N	B203 org. liquid	A29 other surface prep	Off	M061 fuel blending	0.2	0.2	0.0
D001, D008, F003, F005	Y	B101 inorg liquid	A92 routine cleanup	Off	M041 incineration	19.3	24.5	0.0
D001, D008, F003, F005	N	B409 org. solids	A09 clean out equip	Off	M043 incineration	201.8	201.8	0.0
D001, D008, F003, F005	N	B409 org. solids	A09 clean out equip	Off	M061 fuel blending	38.2	38.2	0.0
D001, D018, D021, D022	N	B204 org. liquid	A94 lab wastes	Off	M061 fuel blending	4.4	4.6	0.0
D001, D035, D043	N	B407 org. solids	A58 1x/intermittent	Off	M061 fuel blending	0.2	0.2	0.0
D001, D035, F003	N	B403 org. solids	A57 1x/intermittent	Off	M061 fuel blending	24.0	24.0	0.0
D001, D035, F003, F005	N	B209 org. liquid	A21 painting	Off	M061 fuel blending	33.0	32.3	0.0
D001, D035, F003, F005	N	B211org. liquid	A04 flush rinsing	Off	M021 solvents recov.	66.5	17.9	0.0
D001, D035, F003, F005	N	B211org. liquid	A09 clean out equip	Off	M021 solvents recov. }	24.3	23.0	0.0
D001, D035, F003, F005	N	B211org. liquid	A09 clean out equip	Off	M061 fuel blending }		7.1	0.0

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Plant-Community Profile:
Toyota Motor Mfg.
Georgetown KY

12/19/97

PLANT ENVIRONMENTAL PROFILE (continued)

RCRA BIENNIAL REPORT (continued)

Waste Code(s) 1993 (continued)	Wastewater?	Physical Form	Source	Mgd. On/Off-Site	Management Method	Quantity Generated (tons)	Quantity Shipped (tons)	Quantity Mgd. On-Site (tons)
D001, D035, F005	N	B203 org. liquid	A09 clean out equip	Off	M043 incineration	0.8	0.8	0.0
D002 (corrosive)	N	B103 inorg liquid	A58 1x/intermittent	Off	M121 neutralization	10.6	10.6	0.0
D002 (corrosive)	N	B104 inorg liquid	A09 clean out equip	Off	M121 neutralization	0.2	0.2	0.0
D002 (corrosive)	Y	B105 inorg liquid	A58 1x/intermittent	Off	M121 neutralization	1.9	1.9	0.0
D002 (corrosive)	N	B106 inorg liquid	A09 clean out equip	Off	M077 aqueous treat.	0.9	0.9	0.0
D002 (corrosive)	Y	B110 inorg liquid	A58 1x/intermittent	Off	M141 transfer facil.	0.2	0.2	0.0
D002 (corrosive)	N	B519 inorg sludges	A03 caustic cleaning	Off	M111 stabilization	76.5	71.7	0.0
D002 (corrosive) D008 (lead)	N	B308 inorg. solids	A59 1x/intermittent	Off	M041 incineration	1.3	1.3	0.0
D003 (reactive)	N	B212 org. liquid	A09 clean out equip	Off	M041 incineration	7.8	7.8	0.0
D003 (reactive)	N	B315 inorg. solids	A57 1x/intermittent	Off	M043 incineration	0.3	0.3	0.0
D003 (reactive)	N	B405 org. solids	A09 clean out equip	Off	M043 incineration	11.0	10.8	0.0
D005 (barium)	N	B409 org. solids	A21 painting	Off	M043 incineration }	123.8	86.5	0.0
D005 (barium)	N	B409 org. solids	A21 painting	Off	M132 landfill }		36.3	0.0
D005 (barium)	N	B519 inorg sludges	A92 routine cleanup	Off	M132 landfill	22.8	22.1	0.0
D005, D008	N	B210 org. liquid	A09 clean out equip	Off	M043 incineration	21.0	19.3	0.0
D007 (chromium)	N	B307 inorg. solids	A08 physical scraping	Off	M043 incineration	0.8	0.8	0.0
D008 (lead)	Y	B113 inorg liquid	A21 painting	Off	M041 incineration	14.0	15.0	0.0
D008 (lead)	N	B310 inorg. solids	A21 painting	Off	M043 incineration }	50.3	44.3	0.0
D008 (lead)	N	B310 inorg. solids	A21 painting	Off	M061 fuel blending }		5.5	0.0
D008 (lead)	N	B409 org. solids	A58 1x/intermittent	Off	M043 incineration	1.3	1.3	0.0
D008 (lead)	N	B519 inorg sludges	A29 other surface prep	Off	M077 aqueous treat.	12.5	14.6	0.0
D008 (lead)	N	B604 org. sludges	A09 clean out equip	Off	M042 incineration	12.2	12.2	0.0
D008 (lead)	N	B609 org. sludges	A38 tank sludge remov.	Off	M043 incineration	3.5	3.5	0.0
D008 (lead) D009 (mercury)	N	B319 inorg. solids	A99 other processes	Off	M132 landfill	0.9	0.9	0.0
D018, D030, D034, D036	N	B206 org. liquid	A54 1x/intermittent	Off	M061 fuel blending	0.2	0.2	0.0
D040	N	B301 inorg. solids	A53 1x/intermittent	Off	M042 incineration	3.0	3.0	0.0
F002 (halog. solvents)	N	B202 org. liquid	A09 clean out equip	Off	M021 solvents recov.	0.6	0.6	0.0
TOTAL - 1993						3,775.3	2,526.3	1,213.5

TOXICS RELEASE INVENTORY

Total lbs of TRI chemicals:	Air-Fugitive Emissions	Air-Stack Emissions	Total Releases	Discharge to POTW	Off-Site Energy Recovery	Off-Site Recycling	Off-Site Treatment	Off-Site Disposal	Total Transfers
1991	30,015	1,176,670	1,208,685	2,255	43,915	4,121,200	60,540	1,265	4,229,175
1992	27,065	1,036,850	1,065,915	10,255	59,175	2,426,800	55,405	3,270	2,554,905
1993	22,900	907,600	932,500	2,505	124,110	1,928,150	72,485	7,900	2,135,150
1994	20,600	1,001,455	1,022,555	1,755	141,660	2,687,015	97,890	1,760	2,930,080
Lbs. per vehicle produced:									
1991	0.16	6.27	6.44	0.01	0.23	21.95	0.32	0.01	22.53
1992	0.11	4.31	4.43	0.04	0.25	10.10	0.23	0.01	10.63
1993	0.10	3.88	3.98	0.01	0.53	8.24	0.31	0.03	9.12
1994	0.07	3.52	3.59	0.01	0.50	9.44	0.34	0.01	10.29

Plant-Community Profile:
Toyota Motor Mfg.
Georgetown KY

PLANT ENVIRONMENTAL PROFILE (continued)

1994 TRI Emissions/Releases by Chemical (lbs.)

Chemical Name	Air-Fugitive Emissions	Air-Stack Emissions	Total Releases	Discharge to POTW	Off-Site Energy Recovery	Off-Site Recycling	Off-Site Treatment	Off-Site Disposal	Total Transfers
METHANOL	750	46,000	46,750	0	9,700	12,900	5,800	0	28,400
N-BUTYL ALCOHOL	2,300	112,000	114,300	0	250	9,900	250	0	10,400
BENZENE	0	250	250	0	750	0	5	0	755
METHYLETHERYL KETONE	2,000	96,000	98,000	0	41,000	6,200	760	0	47,960
NAPHTHALENE	250	2,200	2,450	0	0	0	0	0	0
1,2,4-TRIMETHYLBENZENE	1,500	74,000	75,500	0	0	116,000	255	0	116,255
ETHYLBENZENE	0	250	250	250	250	0	250	0	750
METHYLENEBIS(PHENYLISOCYANATE)	0	0	0	0	0	2,700	4,200	0	6,900
ETHYLENE GLYCOL	1,100	56,000	57,100	0	17,000	0	54,000	0	71,000
METHYL ISOBUTYL KETONE	1,900	94,000	95,900	250	39,000	125,000	500	0	164,750
TOLUENE	4,400	220,000	224,400	250	24,000	10,805	2,105	0	37,160
CYCLOHEXANE	0	250	250	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	5,900	290,000	295,900	250	9,200	39,005	755	255	49,465
LEAD	0	250	250	0	0	110,000	0	0	110,000
MANGANESE	0	250	250	0	0	1,400,000	0	0	1,400,000
NICKEL	0	250	250	0	0	260,000	0	0	260,000
CHROMIUM	0	250	750	0	0	360,000	0	0	360,000
COPPER	0	250	250	0	0	230,000	0	0	230,000
HYDROCHLORIC ACID	0	250	250	0	0	0	2,600	0	2,600
PHOSPHORIC ACID	0	0	0	0	0	0	250	0	250
BARIUM COMPOUNDS	250	5	255	250	250	2,500	9,900	755	13,655
GLYCOL ETHERS	250	9,000	9,250	0	0	1,750	0	0	1,750
LEAD COMPOUNDS	0	0	0	250	250	5	14,250	250	15,005
MANGANESE COMPOUNDS	0	0	0	5	5	250	505	250	1,015
NICKEL COMPOUNDS	0	0	0	250	5	0	1,505	250	2,010
TOTAL	20,600	1,001,455	1,022,555	1,755	141,660	2,687,015	97,890	1,760	2,930,080

VOC/NOx Emissions:
(lbs/year)

	VOCs	NOx
1990	4,237,118	149,450
1991	4,452,000	176,586
1992	5,036,590	138,050
1993	4,187,946	159,094
1994	4,991,238	245,284

Plant-Community Profile:
Toyota Motor Mfg.
Georgetown KY

12/2/97

COMMUNITY ENVIRONMENTAL PROFILE

TRI Chemical Releases & Transfers from Sources Within 3 Miles of Auto/LDT Plant (lbs.)

Facility (w. map #)	Air-Fugitive Emissions	Air-Stack Emissions	Total Releases	Discharge to POTW	Off-Site Transfers	Total Transfers
1 CLARK EQUIPMENT CO.	0	0	0	0	0	0
Total	0	0	0	0	0	0

**Air Quality Attainment Status
(as of 1994)**

ozone - marginal*
carbon monoxide - attainment or unclassifiable
particulates - unclassifiable
lead - unclassifiable
NO2 - cannot be classified or better than national standards
SO2 - attainment

*Redesignated attainment effective 11/13/95 (60 FR 47009)

Plant-Community Profile:
Toyota Motor Mfg.
Georgetown KY

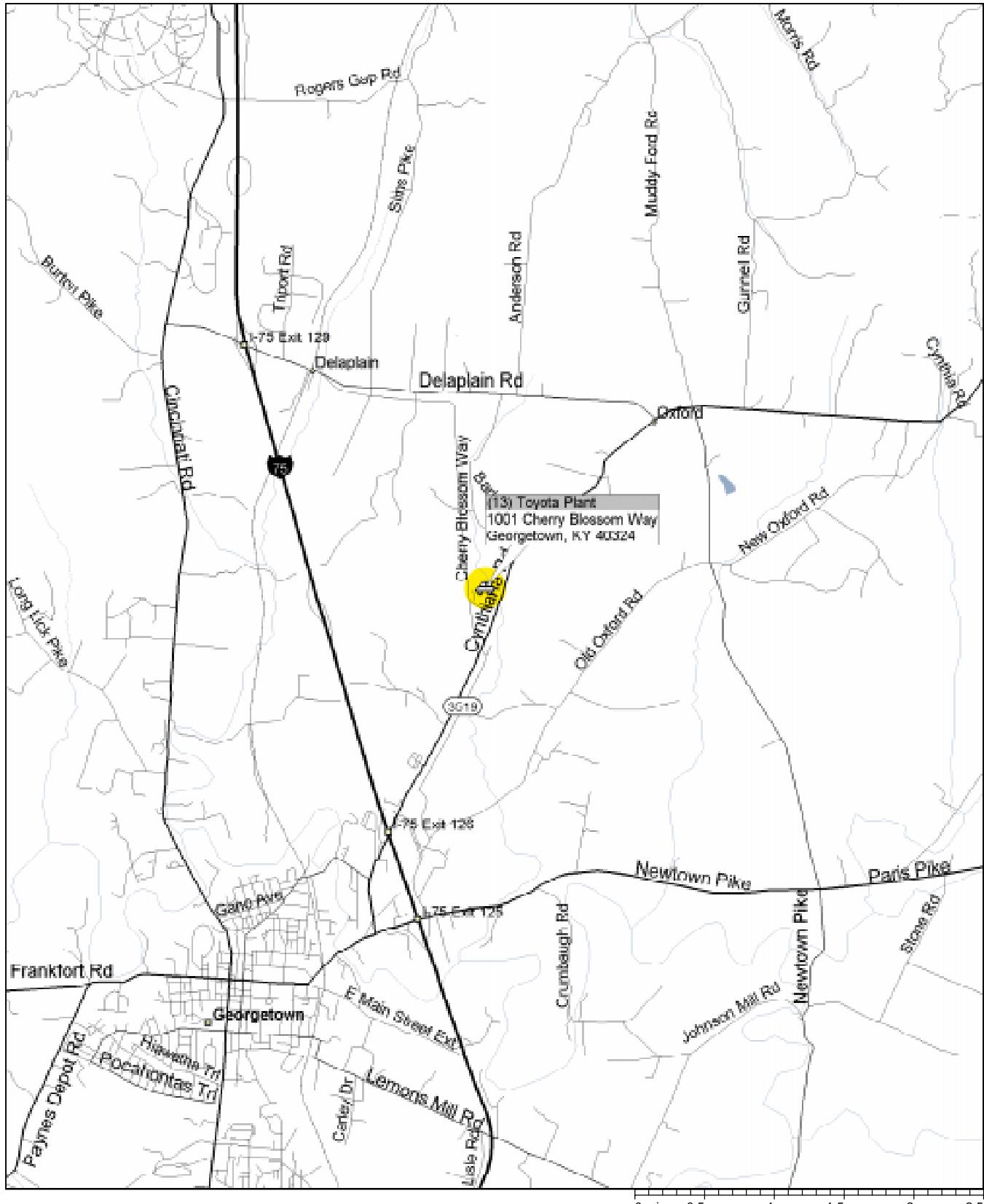
12/2/97

COMMUNITY DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS

	Census Block	0-1 Mile	0-3 Miles	1-3 Miles	3-5 Miles	County	State	U.S.
Total Population (1994)	NA	NA	NA	NA	NA	26,790	3,826,839	260,340,990
Total Population (1990)	428	69	2,841	2,772	10,234	23,867	3,685,296	248,709,873
% Change 1990-1994	NA	NA	NA	NA	NA	12	4	5
Total Area (sq. mi.) (1990)	19.5	3.1	28.2	25.1	50.2	285.2	39,732.3	3,536,278.1
Population/sq. mi. (land area) (1990)	22	22	101	110	204	84	93	70
Median Household Income (1994)						NA	26,595	32,264
Median Household Income (1989)						27,563	21,949	30,056
% Change 1979-1989 (constant \$)						8	-14	7
% Change 1989-1994 (constant \$)						NA	<0.5	7
Per Capita Personal Income (1993)						18,410	16,889	20,800
Per Capita Personal Income (1989)						14,704	13,756	17,690
% Change 1989-1993 (current \$)						25	23	18
Minority Percentage (1990)	<1	0	16	16	6	7	7	20
Pct. of Households Below Poverty Level (1989)	23	21	29	29	25	0	21	20
Pct. Not Completing High School (1990)	29	27	32	32	26	29	33	25
Total Employment (1994) (civilian nonfarm)						13,958	1,825,000	131,056,000
Unemployment Rate (1994)						4	5	6
Manufacturing Employment (1993)						6,074	284, 185	18,183,381
Mfgr. as % Total Employment (1993)						52	23	19
Manufacturing Employment (1992)						NA	277,000	18,253,000
Production Workers (1992)						NA	203,000	11,654,000
% Change in Mfgr. Employment 1987-1992						NA	10	-4
Assembly Plant as % Total Mfgr. Workers						99		

Data sources used were not always complete or current.
Attempts have been made to verify data, but errors may still exist.

Georgetown, KY, Toyota Plant



Microsoft Expedia
Streets⁹⁸

TOYOTA MOTOR MFG USA INC
1001 CHERRY BLOSSOM WAY
GEORGETOWN KY
Tri Number: 40324TYTMT1001C

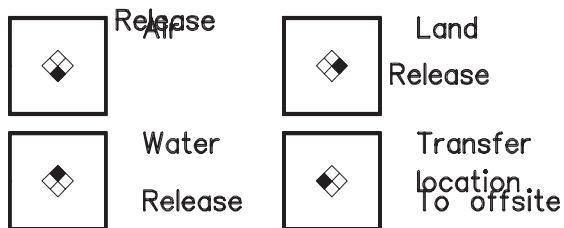
Map #	SIC	Name	Address	City	State
0	3711	TOYOTA MOTOR MFG. USA INC. USA INC.	1001 CHERRY BLOSSOM WAY	GEORGETOWN	KY
1	3537	CLARK EQUIPMENT CO.	I-75 AT DELAPLAIN RD.	GEORGETOWN	KY

AREA WIDE 1994 TRI EMISSION PROFILE

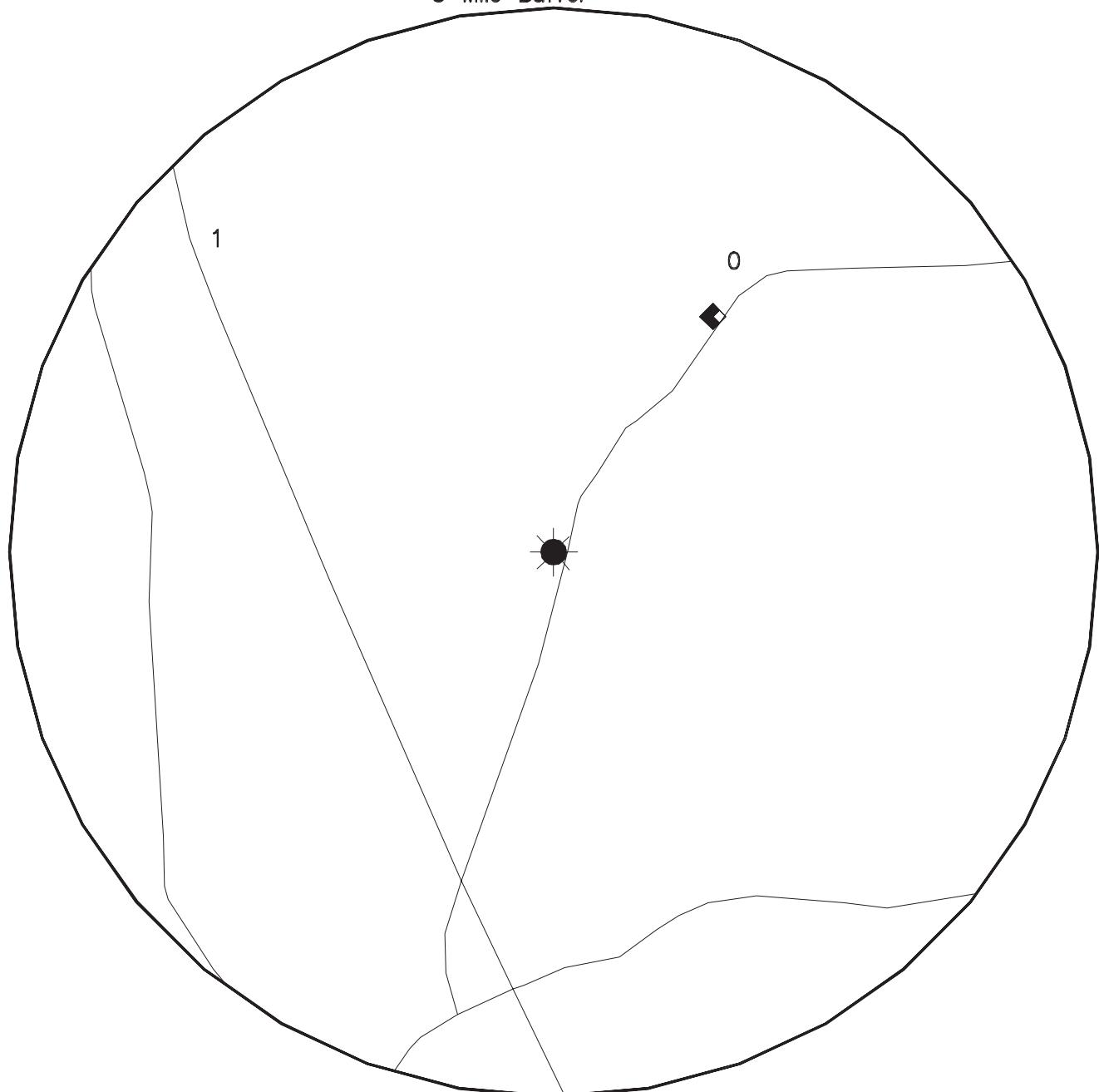
TOYOTA MOTOR MFG USA INC
SCOTT COUNTY, Kentucky

Latitude: 38 15 0
Longitude: 84 31 30

Map Key:
Auto
Plant
Truck



3 Mile Buffer



Number without a Symbol denotes no reported emissions over 0.5 pounds per year

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
TOYOTA MOTOR MFG USA INC TRI NO: 40324TYTMT1001C

	Air Fugitive (Non-Point Source)	Air Stack (Point Source)	Discharge to Surface Water	Discharge On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
Chemical Name	Emissions	Emissions	Water	Disposal				

TOYOTA MOTOR MFG. USA INC. USA INC. SIC DESCRIPTION: MOTOR VEHICLES & CAR BODIES MAP LOCATION NO: 0
SIC CODE: 3711

1001 CHERRY BLOSSOM WAY
GEORGETOWN KY 40324

METHANOL	750	46,000	0	0	46,750	0	28,400	28,400
N-BUTYL ALCOHOL	2,300	112,000	0	0	114,300	0	10,400	10,400
BENZENE	0	250	0	0	250	0	755	755
METHYL ETHYL KETONE	2,000	96,000	0	0	98,000	0	47,960	47,960
NAPHTHALENE	250	2,200	0	0	2,450	0	0	0
1,2,4-TRIMETHYLBENZENE	1,500	74,000	0	0	75,500	0	116,255	116,255
ETHYLBENZENE	0	250	0	0	250	250	500	750
METHYLENEBIS(PHENYLISOCYANATE)	0	0	0	0	0	0	6,900	6,900
ETHYLENE GLYCOL	1,100	56,000	0	0	57,100	0	71,000	71,000
METHYL ISOBUTYL KETONE	1,900	94,000	0	0	95,900	250	164,500	164,750
TOLUENE	4,400	220,000	0	0	224,400	250	36,910	37,160
CYCLOHEXANE	0	250	0	0	250	0	0	0
XYLENE (MIXED ISOMERS)	5,900	290,000	0	0	295,900	250	49,215	49,465
LEAD	0	250	0	0	250	0	110,000	110,000
MANGANESE	0	250	0	0	250	0	1,400,000	1,400,000
NICKEL	0	250	0	0	250	0	260,000	260,000
CHROMIUM	0	250	500	0	750	0	360,000	360,000
COPPER	0	250	0	0	250	0	230,000	230,000
HYDROCHLORIC ACID	0	250	0	0	250	0	2,600	2,600
PHOSPHORIC ACID	0	0	0	0	0	0	250	250
BARIUM COMPOUNDS	250	5	0	0	255	250	13,405	13,655
GLYCOL ETHERS	250	9,000	0	0	9,250	0	1,750	1,750
LEAD COMPOUNDS	0	0	0	0	0	250	14,755	15,005
MANGANESE COMPOUNDS	0	0	0	0	0	5	1,010	1,015
NICKEL COMPOUNDS	0	0	0	0	0	250	1,760	2,010

SUBTOTALS 20,600 1,001,455 500 0 1,022,555 1,755 2,928,325 2,930,080

CLARK EQUIPMENT CO. SIC DESCRIPTION: INDUSTRIAL TRUCKS AND TRACTORS MAP LOCATION NO:
I-75 AT DELAPLAINE RD. SIC CODE: 3537
GEORGETOWN KY 40324

SUBTOTALS 0 0 0 0 0 0 0 0

Toyota Motor Mfg. Georgetown Scott County, Kentucky

Latitude: 38 15 0 N
Longitude: 84 31 30 W

MAP KEY:

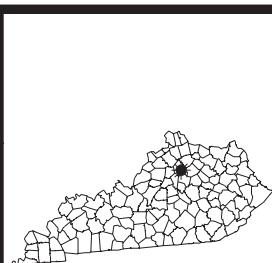
- County Boundaries
- Inter State Highway
- US Highway
- Rail Road
- One Mile
- Three Miles
- Five Miles

POPULATION DENSITY / SQ. MILE

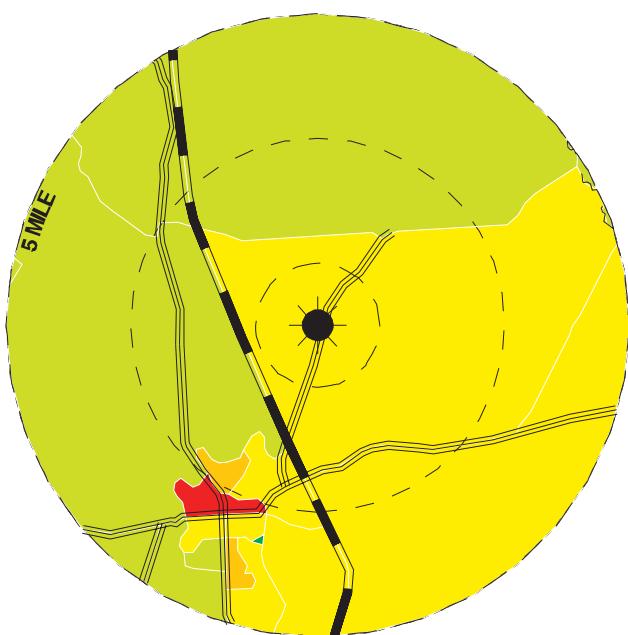
- Greater than 10000
- 1000 - 10000
- 100 - 1000
- 10-100
- 1-10

Minority, poverty, and High School Incomplete percentages

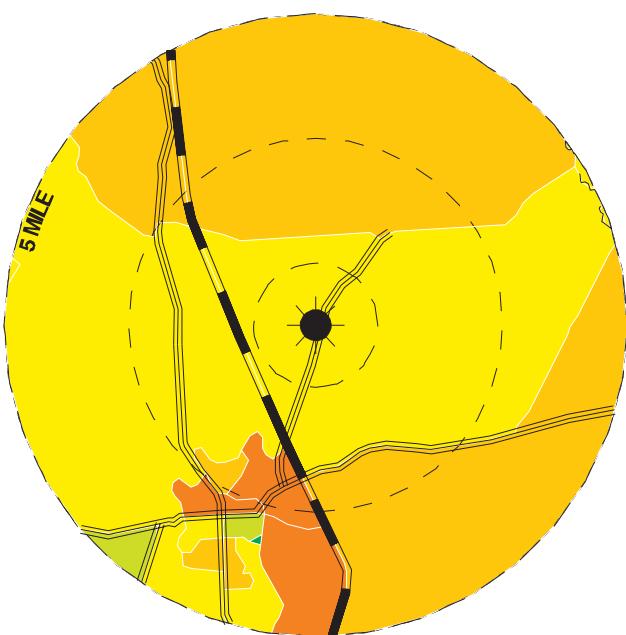
- Greater than 50
- 40 - 50
- 30 - 40
- 20 - 30
- 10 - 20
- 0 - 10



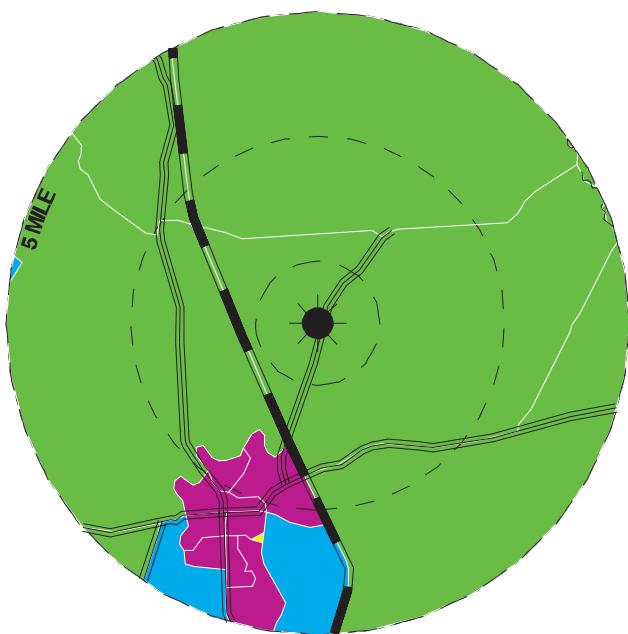
Percentage of Total Population Below Poverty Level



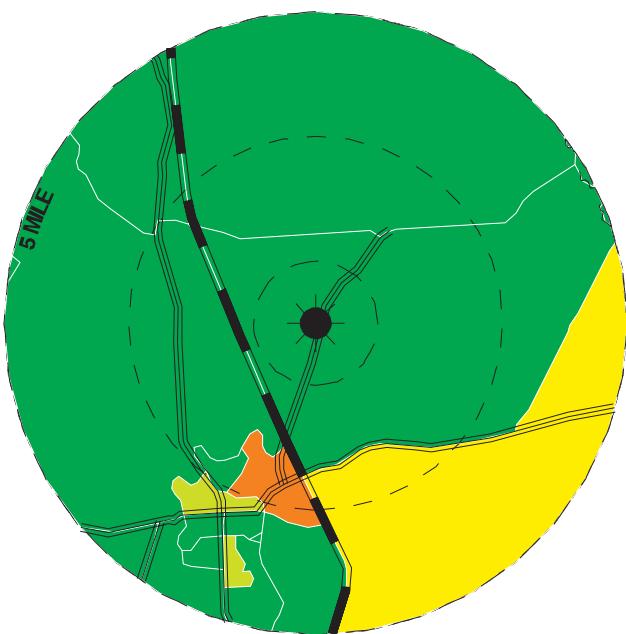
Percentage of Population not Completing High School



Population Density People Per Sq. Mile



Minority Population Percent of Total Population



Toyota Motor Mfg. Georgetown Scott County, Kentucky

Latitude: 38 15 0 N
Longitude: 84 31 30 W

MAP KEY:

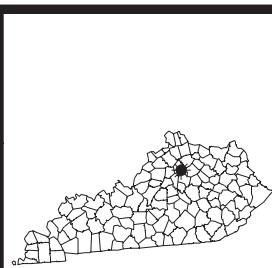
- County Boundaries
- Inter State Highway
- US Highway
- Rail Road
- One Mile
- Three Miles
- Five Miles

POPULATION DENSITY / SQ. MILE

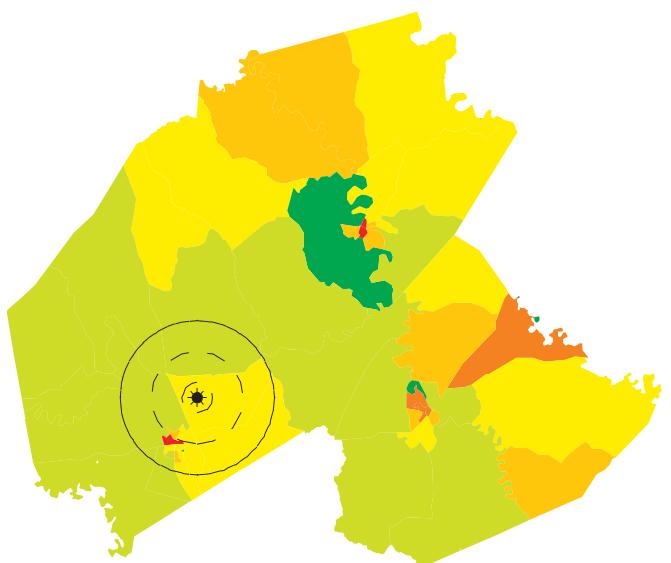
- Greater than 10000
- 1000 - 10000
- 100 - 1000
- 10-100
- 1-10

Minority, poverty, and High School Incomplete percentages

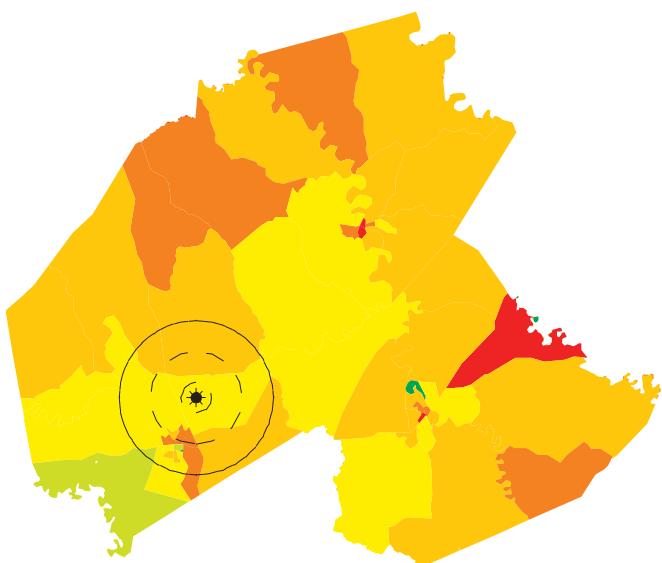
- Greater than 50
- 40 - 50
- 30 - 40
- 20 - 30
- 10 - 20
- 0 - 10



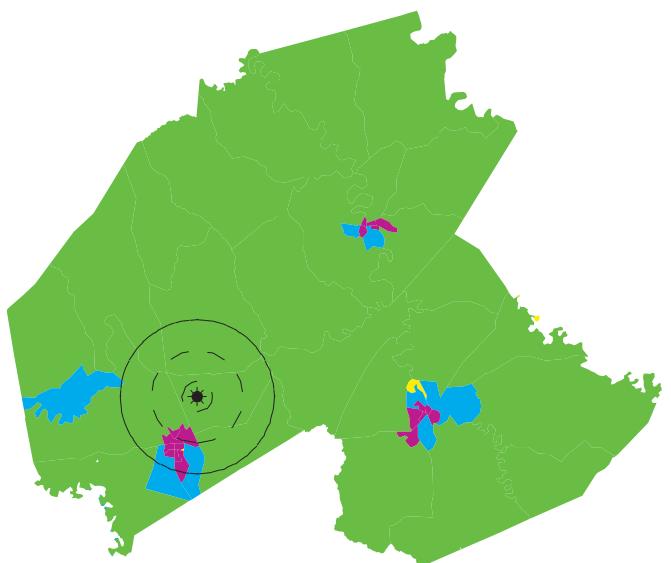
Percentage of Total Population Below Poverty Level



Percentage of Population not Completing High School



Population Density
People Per Sq. Mile



Minority Population
Percent of Total Population

